

## LYMPHOGRANULOMA VENEREUM

### I. IDENTIFICATION

- A. **CLINICAL DESCRIPTION:** Infection with L<sub>1</sub>, L<sub>2</sub>, or L<sub>3</sub> serovars of *Chlamydia trachomatis* may result in a disease characterized by genital lesions, suppurative regional lymphadenopathy, or hemorrhagic proctitis. The infection is usually sexually transmitted.
- B. **REPORTING CRITERIA:** Clinical diagnosis initially; laboratory confirmation required to meet case definition.
- C. **LABORATORY CRITERIA FOR CONFIRMATION:**
- Isolation of *C. trachomatis*, serotype L<sub>1</sub>, L<sub>2</sub>, or L<sub>3</sub> from clinical specimen, **OR**
  - Demonstration by immunofluorescence of inclusion bodies in leukocytes of an inguinal lymph node (bubo) aspirate, **OR**
  - Positive microimmunofluorescent serologic test for a lymphogranuloma venereum strain of *C. trachomatis*.
- D. **KENTUCKY CASE DEFINITION:** A case that is laboratory confirmed.

### II. ACTIONS REQUIRED / PREVENTION MEASURES

- A. **KENTUCKY DISEASE SURVEILLANCE REQUIRES ROUTINE REPORTING:**  
REPORT TO THE LOCAL OR STATE HEALTH DEPARTMENT within 5 business days of the identification of a case or suspected case. Public health intervention is available on request of the reporting physician.
- B. **EPIDEMIOLOGY REPORTS REQUESTED:**
- Kentucky Reportable Disease Form – EPID 200 (Rev. Jan/03).
  - **Note:** Section labeled “Additional Information for Sexually Transmitted Diseases Only” must be completed.
- C. **PUBLIC HEALTH INTERVENTIONS**
- Patients should be counseled on methods to reduce their risk for STDs, including HIV.
  - Testing for syphilis, gonorrhea, *Chlamydia*, and HIV should be offered and encouraged.

### **III. CONTACTS FOR CONSULTATION**

- A. KENTUCKY SEXUALLY TRANSMITTED DISEASE CONTROL PROGRAM:  
502-564-4804.
- B. KENTUCKY DEPARTMENT FOR PUBLIC HEALTH, COMMUNICABLE DISEASE  
BRANCH: 502-564-3261.
- B. KENTUCKY DEPARTMENT FOR PUBLIC HEALTH, DIVISION OF LABORATORY  
SERVICES: 502-564-4446.

### **IV. RELATED REFERENCES**

1. Chin, James, ed. Lymphogranuloma Venereum. In: Control of Communicable Diseases  
Manual. 17<sup>th</sup> ed. Washington, DC: American Public Health Association, 2000: 308-310.
2. 1998 Guidelines for the Treatment of Sexually Transmitted Diseases, MMWR Vol.  
47 (RR-1).
3. Sexually Transmitted Diseases Clinical Practice Guidelines, 1991, CDC.